

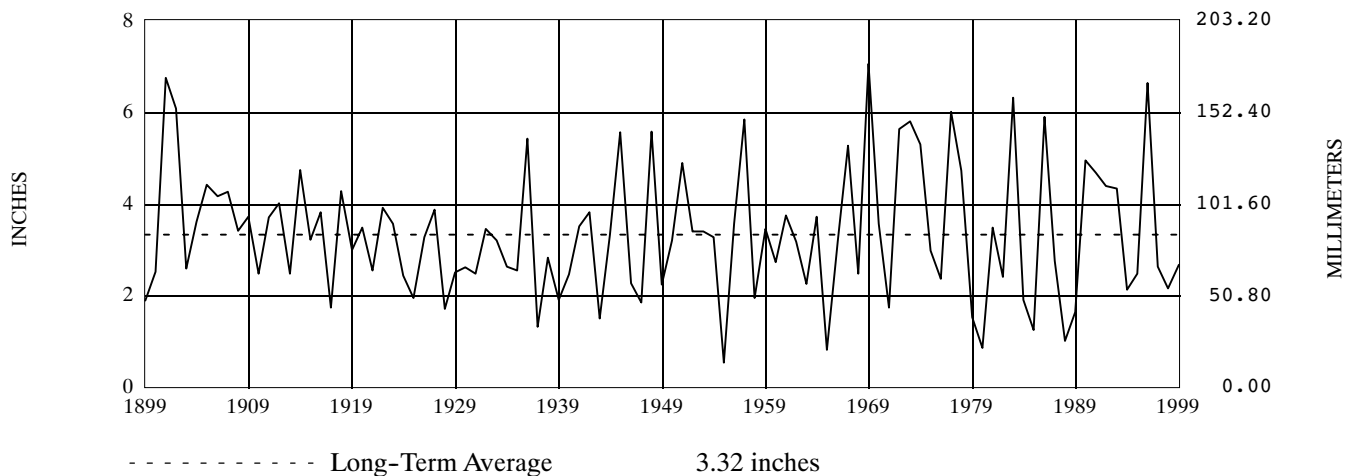
CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

DECEMBER 1999

VOLUME 103 NUMBER 12

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MARYLAND AND DELAWARE PRECIPITATION DECEMBER, 1899-1999

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND

HIGHEST TEMPERATURE	74	DECEMBER 6	BELTSVILLE
LOWEST TEMPERATURE	2	DECEMBER 25	OAKLAND 1 SE
GREATEST TOTAL PRECIPITATION	4.22		ANNAPOLIS POLICE BRKS
LEAST TOTAL PRECIPITATION	1.61		HAGERSTOWN POLICE BRK
GREATEST 1 DAY PRECIPITATION	1.55	DECEMBER 14	ANNAPOLIS POLICE BRKS
GREATEST TOTAL SNOWFALL	11.8		OAKLAND 1 SE
GREATEST DEPTH OF SNOW OR ICE	5	DECEMBER 28	OAKLAND 1 SE

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TEMPERATURE AND PRECIPITATION EXTREMES

DELAWARE

HIGHEST TEMPERATURE	71	DECEMBER 6	LEWES
LOWEST TEMPERATURE	15	DECEMBER 25	NEWARK UNIVERSITY FARM
GREATEST TOTAL PRECIPITATION	3.27		NEWARK UNIVERSITY FARM
LEAST TOTAL PRECIPITATION	2.53		DOVER
GREATEST 1 DAY PRECIPITATION	1.67	DECEMBER 14	NEWARK UNIVERSITY FARM

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MONTHLY STATION AND DIVISION SUMMARY

STATION	TEMPERATURE (°F)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			
											MAX		MIN	
											90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW
MARYLAND														
SOUTHERN EASTERN SHORE 01														
ASSATEAGUE ISLAND	51.6	35.0	43.3		67	5+	22	25	663	0	0	0	14	0
PRINCESS ANNE	M	M	M		67	6	19	2			0	0	6	0
SALISBURY	52.4	34.4	43.4	3.0	66	5+	19	25	663	0	0	1	15	0
SALISBURY FAA ARPT	51.9	31.6	41.8	2.6	68	5	17	25	713	0	0	1	19	0
SNOW HILL 4 N	53.5	32.3	42.9	3.1	69	4	12	25	675	0	0	1	19	0
--DIVISIONAL DATA----->														
CENTRAL EASTERN SHORE 02														
ROYAL OAK 2 SSW	50.8	34.0	42.4	3.3	68	4	22	23	693	0	0	1	17	0
VIENNA	52.3	34.5M	43.4M	3.7	68	4	19	25	640	0	0	1	12	0
--DIVISIONAL DATA----->														
LOWER SOUTHERN 03														
MECHANICSVILLE 5 NE	50.2	31.3	40.8	2.6	71	4	16	25	747	0	0	1	19	0
--DIVISIONAL DATA----->														
UPPER SOUTHERN 04														
ANNAPOLIS POLICE BRKS	51.4	32.3	41.9	3.5	72	4	17	25	713	0	0	0	15	0
BALTIMORE WSO ARPT	R	48.5	29.7	39.1	2.4	68	5+	14	25	794	0	0	2	20
BELTSVILLE	49.2M	30.7	40.0M	4.2	74	6+	13	26	761	0	0	1	21	0
DALECARLIA RESERVOIR	50.9	30.8	40.9	3.5	70	5	18	25	740	0	0	0	19	0
GLENN DALE BELL STN	48.0	26.5	37.3	.3	69	5	13	25	854	0	0	2	23	0
LAUREL 3 W	49.4	33.4	41.4	4.8	68	5	17	25	724	0	0	1	12	0
MD SCI CTR BALTIMORE	R	48.4	35.7	42.1	68	5	20	25	703	0	0	2	10	0
NATIONAL ARBORETUM DC	49.9	29.5	39.7	2.3	70	6	19	25	776	0	0	1	21	0
UPPER MARLBORO 3 NNW	49.2	29.4	39.3	3.2	69	5	17	25	791	0	0	1	21	0
--DIVISIONAL DATA----->														
NORTHERN EASTERN SHORE 05														
CHESTERTOWN	49.0	29.7	39.4	2.4	68	5+	18	25	785	0	0	1	20	0
MILLINGTON 1 SE	49.9	30.4	40.2	4.0	69	4	15	25	762	0	0	0	19	0
--DIVISIONAL DATA----->														
NORTHERN CENTRAL 06														
ABERDEEN PHILLIPS FIEL	M	M	M		58	6	21	23			0	0	10	0
CATOCTIN MOUNTAIN PARK	44.5	29.1	36.8		64	5	11	25	866	0	0	3	19	0
CLARKSVILLE 3 NNE	48.1	27.0	37.6		67	5	13	25	843	0	0	2	21	0
CONOWINGO DAM	M	M	M		51	21+	18	26			0	0	13	0
DAMASCUS 3 SSW	45.0	30.7	37.9		64	6+	13	25	834	0	0	4	17	0
EMMITSBURG 2 SE	47.5	37.2	42.4	8.2	65	4	20	1	692	0	0	2	10	0
FREDERICK POLICE BRKS	48.1	29.5	38.8		65	6+	17	26+	806	0	0	1	23	0
MILLERS 4 NE	45.6	29.5	37.6		66	5	13	25	844	0	0	2	18	0
ROCKVILLE 1 NE	47.8	30.8	39.3	4.2	69	3	17	25	788	0	0	2	18	0
WOODSTOCK	M	M	M											
--DIVISIONAL DATA----->														
APPALACHIAN MOUNTAIN 07														
CUMBERLAND 2	45.5	26.7	36.1	1.5	62	4	16	24	891	0	0	2	23	0
CUMBERLAND POLICE BRK	44.0	27.1M	35.6M		59	6+	14	24	903	0	0	4	22	0
FROSTBURG 2	39.1	24.8	32.0		63	6	8	25	1019	0	0	10	24	0
HAGERSTOWN POLICE BRK	47.5	28.1	37.8		65	5	11	25	836	0	0	1	25	0
SHARPSBURG 5 S	46.7	24.5	35.6		67	4	10	26+	903	0	0	2	26	0
--DIVISIONAL DATA----->														
ALLEGHENY PLATEAU 08														
OAKLAND 1 SE	42.9	22.6	32.8	2.5	63	9+	2	25	992	0	0	9	27	0
SAVAGE RIVER DAM	40.7	25.7	33.2	2.9	58	6+	13	25+	979	0	0	7	25	0
--DIVISIONAL DATA----->														
DELAWARE														
NORTHERN 01														
NEWARK UNIVERSITY FARM	48.9	31.4	40.2	4.1	70	5	15	25	764	0	0	0	17	0
WILMINGTON WSO ARPT	R	46.7	30.8	38.8	3.0	67	4	16	25	807	0	0	3	19
WILMINGTON PORTER RSVR	45.0	31.8	38.4	3.1	65	5	17	25	816	0	0	3	15	0
--DIVISIONAL DATA----->														
SOUTHERN 02														
DOVER	49.5	32.6	41.1	2.3	68	5	18	25	736	0	0	1	18	0
GREENWOOD 2 NE	49.3	30.5	39.9		67	6+	18	25	769	0	0	2	21	0
LEWES	51.9	34.9	43.4	3.7	71	6	20	25	664	0	0	1	12	0
--DIVISIONAL DATA----->														

MONTHLY STATION AND DIVISION SUMMARY

STATION	PRECIPITATION (IN)									
	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SLEET, SNOW			NO. OF DAYS		
					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
MARYLAND										
SOUTHERN EASTERN SHORE 01										
ASSATEAGUE ISLAND	2.02		1.26	14	.0	0		3	1	1
PRINCESS ANNE	2.19	-1.06	1.20	14	.0	0		3	1	1
SALISBURY	2.92	-.61	1.20	14	.0	0		6	2	1
SALISBURY FAA ARPT	2.33	-1.35	1.13	14	T	T		4	2	1
SNOW HILL 4 N	2.49	-.95	1.34	14	.1	T		5	1	1
--DIVISIONAL DATA----->	2.39	-1.02			.0					
CENTRAL EASTERN SHORE 02										
ROYAL OAK 2 SSW	2.52	-1.20	1.13	14	.0	0		6	2	1
VIENNA	2.65	-.80	1.16	14	.0	0		5	1	1
--DIVISIONAL DATA----->	2.59	-.97			.0					
LOWER SOUTHERN 03										
MECHANICSVILLE 5 NE	2.25	-1.09	1.10	14	T	T		5	2	1
--DIVISIONAL DATA----->	2.25	-1.08			.0					
UPPER SOUTHERN 04										
ANNAPOLIS POLICE BRKS	4.22	.78	1.55	14	.0	0		6	2	2
BALTIMORE WSO ARPT R	2.96	-.45	1.15	14	.2	T		5	2	1
BELTSVILLE M	1.32	.49	.80	11	1.0	1	23+	4	0	0
DALECARLIA RESERVOIR	3.10	-.36	.80	14	.0	0		6	5	0
GLENN DALE BELL STN	2.69	-.59	.90	14	.0	0		6	2	0
LAUREL 3 W	3.08	-.34	1.18	14	M .0	T		5	4	1
MD SCI CTR BALTIMORE R	3.19		1.26	14	M	M		5	3	1
NATIONAL ARBORETUM DC	2.73	-.60	.86	14	.0	0		5	3	0
UPPER MARLBORO 3 NNW	2.67	-.60	.88	14	T	T		7	2	0
--DIVISIONAL DATA----->	3.08	-.29			.2					
NORTHERN EASTERN SHORE 05										
CHESTERTOWN	2.46	-1.31	1.11	14	T	T		5	2	1
MILLINGTON 1 SE	2.38	-1.25	1.23	14	.0	0		5	1	1
--DIVISIONAL DATA----->	2.42	-1.27			.0					
NORTHERN CENTRAL 06										
ABERDEEN PHILLIPS FIEL	3.06	-.55	1.47	14	T	T		2	1	1
CATOCTIN MOUNTAIN PARK	2.74		.88	14	M .3	0		5	2	0
CLARKSVILLE 3 NNE	2.87		.97	14	.0	0		5	3	0
CONOWINGO DAM	3.21	-.58	.94	14	T	T		6	3	0
DAMASCUS 3 SSW	3.62		.91	14	.8	1	28	5	4	0
EMMITSBURG 2 SE	2.94	-.33	1.38	14	T	T		5	2	1
FREDERICK POLICE BRKS	3.01		1.10	14	.0	0		5	2	1
MILLERS 4 NE	3.66		1.29	14	.9	T		5	3	1
ROCKVILLE 1 NE	2.83	-.24	.78	14	M .4	T		5	4	0
WOODSTOCK					M	M				
--DIVISIONAL DATA----->	3.10	-.37			.2					
APPALACHIAN MOUNTAIN 07										
CUMBERLAND 2	1.90	-.71	.70	14	.0	0		5	1	0
CUMBERLAND POLICE BRK	M 2.06		1.00	14	M .0	0		4	1	1
FROSTBURG 2	2.00		.62	14	3.4	2	29+	4	2	0
HAGERSTOWN POLICE BRK	1.61		1.18	14	.0	0		3	1	1
SHARPSBURG 5 S	2.77		.75	11	T	T		5	3	0
--DIVISIONAL DATA----->	2.07	-.75			.9					
ALLEGHENY PLATEAU 08										
OAKLAND 1 SE	2.32	-1.42	.66	10	11.8	5	28	4	2	0
SAVAGE RIVER DAM	1.64	-1.10	.46	14	M .5	1	1	3	0	0
--DIVISIONAL DATA----->	1.98	-1.70			11.8					
DELAWARE										
NORTHERN 01										
NEWARK UNIVERSITY FARM	3.27	-.23	1.67	14	.0	0		5	2	1
WILMINGTON WSO ARPT R	2.94	-.54	1.15	14	M	M		5	3	1
WILMINGTON PORTER RSVR	3.08	-.76	1.04	14	.0	0		5	3	1
--DIVISIONAL DATA----->	3.10	-.46			.0					
SOUTHERN 02										
DOVER	2.53	-1.01	1.22	14	.0	0		5	1	1
GREENWOOD 2 NE	2.57		.70	7	T	T		6	3	0
LEWES	2.77	-.91	.88	14	.0	0		6	1	0
--DIVISIONAL DATA----->	2.62	-.97			.0					

DAILY PRECIPITATION (INCHES)

STATION	TOTAL	DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE 01																
ASSATEAGUE ISLAND	2.02						.47				.14			.04	1.26	
PRINCESS ANNE	2.19				*	*	.38	.16			.31	*	*	.05	1.20	
SALISBURY	2.92						.75	.21	T		.42	T		.06	1.20	.02
SALISBURY FAA ARPT	2.33						.54				.40			.07	1.13	
SNOW HILL 4 N	2.49						.24	.28			.29			.05	1.34	
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW	2.52						.25	.10			.62			.04	1.13	
VIENNA	2.65						.45	.25			.42			.06	1.16	
LOWER SOUTHERN MECHANICSVILLE 5 NE 03																
UPPER SOUTHERN	2.25						.21				.53			.05	1.10	T
ANNAPOLIS POLICE BRKS	4.22						.41	.03			.42			.15	1.55	
BALTIMORE WSO ARPT R	2.96						.48				.46			.50	1.15	
BELTSVILLE M	1.32						-	-	.04			.49			.32	.12
DALECARLIA RESERVOIR	3.10						.58	.52			.52			.50	.80	
GLENN DALE BELL STN	2.69						.25	.18				.52			.90	.49
LAUREL 3 W	3.08						.61				.53			.53	1.18	
MD SCI CTR BALTIMORE R	3.19						.50				.44			.55	1.26	
NATIONAL ARBORETUM DC	2.73						.32	.17				.57			.86	.63
UPPER MARLBORO 3 NNW	2.67						.18	.21				.46			.88	.53
NORTHERN EASTERN SHORE 05																
CHESTERTOWN	2.46						.28				.52			.28	1.11	
MILLINGTON 1 SE	2.38						.37				.43			.16	1.23	.04
NORTHERN CENTRAL 06																
ABERDEEN PHILLIPS FIEL	3.06				*	*	.47	.04			.49	*	*	.22	1.47	.04
CATOCTIN MOUNTAIN PARK	2.74						.49				.69	.01		.35	.88	.02
CLARKSVILLE 3 NNE	2.87						.55				.48			.58	.97	.01
CONOWINGO DAM	3.21				.01		.42	.23			.01	.53			.94	.06
DAMASCUS 3 SSW	3.62						.90				.84			.64	.91	
EMMITSBURG 2 SE	2.94						.43	T			.57			.25	1.38	.03
FREDERICK POLICE BRKS	3.01						.43	.04			.75	.05		.32	1.10	.05
MILLERS 4 NE	3.66						.92	T			.76	T		.31	1.29	.04
POTOMAC FILTER PLANT	3.07						.69				.48			.58	.84	.08
ROCKVILLE 1 NE	2.83						.63				.53			.56	.78	T
WOODSTOCK M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPALACHIAN MOUNTAIN 07																
CUMBERLAND 2	1.90						.12					.43		.04	.70	.38
CUMBERLAND POLICE BRK M	2.06						.06				.45			.25	1.00	.02
FROSTBURG 2	2.00	.01			T		T	T	T			.46		.02	.62	.57
HAGERSTOWN POLICE BRK	1.61							T						.28	1.18	
SHARPSBURG 5 S	2.77	T					.35	.02				.75		T	.64	.61
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	2.32				.15		.04	.03			.66	.05		.29	.65	
SAVAGE RIVER DAM	1.64	.04			.02		.02		T		.03	.40		.04	.46	.44
DELAWARE																
NORTHERN 01																
NEWARK UNIVERSITY FARM	3.27						.51				.49	.04		.21	1.67	.04
WILMINGTON WSO ARPT R	2.94				T		.50				.41			.61	1.15	
WILMINGTON PORTER RSVR	3.08						.69				.43			.65	1.04	T
SOUTHERN 02																
DOVER	2.53						.27	.34			.35			.06	1.22	
GREENWOOD 2 NE	2.57							.70				.58			.52	.41
LEWES	2.77						.38	.49			.43			.07	.88	

DAILY PRECIPITATION (INCHES)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01					.03	.01	.07									
ASSATEAGUE ISLAND PRINCESS ANNE SALISBURY		*	*	*	*	*	*	*	*	*	*	*	*	.09		
SALISBURY FAA ARPT				T	.16	.14	.10	T				T	T			
SNOW HILL 4 N					.24	.04	.05					T	T	T		
CENTRAL EASTERN SHORE 02																
ROYAL OAK 2 SSW VIENNA					.21	.18	.11	.06	.05							
LOWER SOUTHERN MECHANICSVILLE 5 NE 03					.22	.10	.04							T		T
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04					.30	1.20	.05	.06		.03				.02		
BALTIMORE WSO ARPT R					.32	.02	.03						T			
BELTSVILLE DALECARLIA RESERVOIR						.07	.22								.06	
GLENN DALE BELL STN					.12	.04	.02									
LAUREL 3 W					.04	.24	.07							.04		
MD SCI CTR BALTIMORE R					.13	.01	.05									
NATIONAL ARBORETUM DC					.41	.01	.02									
UPPER MARLBORO 3 NNW					.05	.08	.05							.02		
NORTHERN EASTERN SHORE 05					.04	.23	.12									
CHESTERTOWN MILLINGTON 1 SE					.20	T	.07						T			
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL			*	*	.10	.05										
CATOCTIN MOUNTAIN PARK	.03				.27	.06	T							T		
CLARKSVILLE 3 NNE					.24		.02							.01		
CONOWINGO DAM					.26		.01							.01		
DAMASCUS 3 SSW					.35	.66	T									
EMMITSBURG 2 SE	T				.29	T	.02				T	T	.02			T
FREDERICK POLICE BRKS					.25	.03										
MILLERS 4 NE	T				.23	.04										
POTOMAC FILTER PLANT					.27	.03	T					T	T	.04		
ROCKVILLE 1 NE					.33	.05	.05						.02			
WOODSTOCK	-	-	-	-	.24	.05	.02				T	-	.02			
APPALACHIAN MOUNTAIN 07					-	-	-	-	-	-	-	-	-	-	-	-
CUMBERLAND 2					.05	.17								.01		
CUMBERLAND POLICE BRK	.01				.27						-					
FROSTBURG 2		T			.08	.13	T		T	T		.04	.03	.04		
HAGERSTOWN POLICE BRK					.15		T							T		
SHARPSBURG 5 S					.07	.33	T							T		
ALLEGHENY PLATEAU 08																
OAKLAND 1 SE	T				.07	T	.09		T	.06	T	.08	.07	.08		T
SAVAGE RIVER DAM		T			.04	.07	T				T	T	.04	.04		
DELAWARE																
NORTHERN NEWARK UNIVERSITY FARM	.03				.25	.03										
WILMINGTON WSO ARPT R					.25	.01	.01						T			
WILMINGTON PORTER RSVR					.26	T	.01									
SOUTHERN DOVER 02																
DOVER					.17	.04	.08									
GREENWOOD 2 NE	.01					.17	.16	.02						T		
LEWES					.34	T	.18									

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	07	MAX	38	51	58	67	67	59	53	52	57	60	50	57	57	58	51
		MIN	26	28	31	41	42	50	40	33	34	43	40	37	41	47	44
PRINCESS ANNE	17	MAX	40	51	59			67	61	51	61	65			60	62	59
		MIN	28	19	25			37	43	25	27	35			25	49	42
SALISBURY	17	MAX	43	50	57	66	66	63	54	50	61	64	57	56	56	56	55
		MIN	24	26	31	43	41	54	41	32	33	43	38	32	37	48	43
SALISBURY FAA ARPT	MID	MAX	37	51	59	67	68	64	51	52	61	66	49	56	58	56	55
		MIN	24	24	26	39	38	50	34	28	29	44	35	29	32	46	44
SNOW HILL 4 N	17	MAX	37	50	57	69	68	64	59	53	61	65	57	56	61	61	58
		MIN	24	21	26	38	38	56	40	26	28	39	36	30	32	50	44
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	18	MAX	37	49	56	68	66	61	54	51	58	56	57	55	51	51	50
		MIN	26	32	30	42	40	53	41	28	30	43	39	29	32	46	40
VIENNA	18	MAX	38	50	55	68	63	63	58	51	60	58	58	58	55	55	54
		OBS															
		MIN	24	25	33	44	42	54	40	35	28	41	27	31	36	46	42
		OBS										27					
LOWER SOUTHERN MECHANICSVILLE 5 NE 03	19	MAX	37	50	64	71	69	63	54	51	59	57	50	55	51	51	46
		MIN	24	20	28	38	39	54	38	25	27	43	32	27	30	45	36
UPPER SOUTHERN ANNAPOLIS POLICE BRKS 04	17	MAX	41	51	58	72	70	56	55	57	64	58	54	50	50	48	48
		OBS	58														
		MIN	24	24	26	41	38	52	39	37	28	30	38	32	34	44	36
BALTIMORE WSO ARPT	MID	MAX	38	51	63	68	68	59	50	52	56	56	49	55	46	48	46
		MIN	23	22	28	38	39	46	31	26	28	37	34	29	29	39	37
BELTSVILLE	08	MAX	40	39	54	71	74	74	64	52	53	50	52	49	47	45	45
		OBS	66	64	65			77	78								
		MIN	31	29	32	39	41	49	50	27	27	29	31	30	31	37	40
		OBS				58		52	44								23
DALECARLIA RESERVOIR	17	MAX	38	53	66	68	70	63	56	54	56	57	56	56	50	54	48
		MIN	26	26	30	35	34	50	35	27	29	46	35	27	27	32	36
		OBS					32										
GLENN DALE BELL STN	16	MAX	39	36	51	65	69	68	59	49	51	57	56	49	55	47	47
		OBS	36	51	65	69	68	59	49	51	57	56	49	55	47	47	45
		MIN	18	16	26	35	38	45	28	22	23	27	33	26	27	36	36
		OBS									36						
LAUREL 3 W	MID	MAX	38	52	64	67	68	61	51	54	58	55	50	57	48	47	45
		OBS															
		MIN	22	27	37	49	48	46	37	32	35	41	35	34	35	37	36
MD SCI CTR BALTIMORE	MID	MAX	37	52	58	67	68	59	50	52	52	57	50	53	47	47	46
		MIN	27	32	37	45	47	48	41	35	39	43	39	36	38	42	40
NATIONAL ARBORETUM DC	07	MAX	42	39	55	65	68	70	61	51	53	61	57	50	57	48	49
		MIN	23	21	21	32	40	41	39	26	25	28	35	30	30	38	43
UPPER MARLBORO 3 NNW	08	MAX	40	37	52	66	69	68	59	50	52	59	57	50	57	50	49
		MIN	24	21	21	28	40	40	39	26	26	28	37	30	29	38	37
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	23	MAX	37	49	58	68	68	60	52	53	59	57	51	53	50	47	44
		MIN	22	23	27	37	39	48	34	26	28	40	36	28	28	40	34
MILLINGTON 1 SE	18	MAX	37	50	57	69	67	60	54	58	57	55	53	50	46	46	
		MIN	23	24	26	35	38	38	41	27	28	38	37	30	28	43	37
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	16	MAX	37	50	56			58	56	52	55	56			44	45	44
		MIN	24	28	29			51	42	28	29	41			35	42	40
CATOCTIN MOUNTAIN PARK	17	MAX	34	48	61	61	64	57	49	55	60	52	51	51	42	41	40
		OBS										66					
		MIN	16	24	37	48	46	48	29	29	39	39	31	28	34	35	34
		OBS															
CLARKSVILLE 3 NNE	17	MAX	38	52	64	66	67	61	48	53	58	55	48	56	45	45	44
		MIN	23	19	25	34	35	45	28	22	25	33	35	26	25	38	35
CONOWINGO DAM	MID	MAX	42	40	51	50											
		OBS											68				
		MIN	27	26	29	30							28				
DAMASCUS 3 SSW	22	MAX	35	49	62	64	64	64	46	48	55	53	47	50	42	44	40
		MIN	20	25	34	48	49	46	36	27	31	40	34	30	34	38	35
EMMITSBURG 2 SE	17	MAX	46	51	62	65	64	64	55	49	53	57	53	53	53	42	43
		MIN	20	31	41	51	58	55	41	41	43	44	42	42	40	38	40
		OBS															
FREDERICK POLICE BRKS	17	MAX	36	49	62	64	65	65	56	49	54	51	54	50	48	48	48
		MIN	23	30	32	32	42	42	38	27	27	37	34	34	30	30	30
MILLERS 4 NE	18	MAX	33	49	61	63	66	57	51	52	56	53	53	53	42	41	41
		MIN	20	21	33	45	44	51	37	24	30	38	34	28	30	37	35
ROCKVILLE 1 NE	17	MAX	38	51	69	65	68	59	46	50	57	56	49	55	46	47	46

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARYLAND																	
SOUTHERN EASTERN SHORE 01																	
ASSATEAGUE ISLAND	56	52	57	52	59	53	42	47	34	33	47	44	37	42	57	54	51.6
	31	32	35	49	49	36	31	23	24	22	23	27	29	29	38	29	35.0
PRINCESS ANNE	53																M
	44																M
SALISBURY	52	49	55	55	64	63	40	45	40	30	45	42	37	40	57	55	52.4
	38	29	33	33	47	38	32	24	28	19	22	30	30	29	31	37	34.4
SALISBURY FAA ARPT	54	51	56	51	64	52	41	46	34	32	46	41	37	40	59	56	51.9
	28	23	29	42	49	37	25	19	22	17	19	29	28	28	33	29	31.6
SNOW HILL 4 N	54	52	58	51	63	63	47	46	42	32	45	43	38	40	54	55	53.5
	39	25	31	39	48	47	32	20	25	12	16	28	24	26	29	32	32.3
CENTRAL EASTERN SHORE 02																	
ROYAL OAK 2 SSW	51	50	54	51	57	57	41	45	45	32	43	42	36	41	58	52	50.8
	39	32	31	37	41	38	32	22	28	23	23	32	24	30	34	37	34.0
VIENNA	53	51	55	51	64	59	43	46	39	32	46	45	40	43	56	55	52.3
	41	29	32	39	45	36	31	23	29	19	***	***	***	***			
															23	37	34.5
LOWER SOUTHERN 03																	
MECHANICSVILLE 5 NE	52	51	52	46	50	47	41	45	38	31	46	40	35	41	59	54	50.2
	36	25	29	38	41	36	31	20	26	16	20	26	25	27	30	37	31.3
UPPER SOUTHERN 04																	
ANNAPOLIS POLICE BRKS	50	50	48	46	52	50	51	49	46	43	40	40	42	45	60	50	51.4
	38	30	34	38	34	33	35	32	29	17	20	20	25	24	31	38	32.3
BALTIMORE WSO ARPT	49	49	48	44	49	45	41	44	31	32	44	37	33	40	56	55	48.5
	31	28	27	37	39	36	24	20	19	14	21	31	20	26	33	28	29.7
BELTSVILLE	52	55	47	44	52	46	43		47	30	35	35	41	43	39	59	49.2
						56	66	26							30		
	24	32	32	28	40	43	30	19	19	18	13	16	16	34	30	35	30.7
						47									21		
DALECARLIA RESERVOIR	52	52	53	47	47	44	39	47	43	33	43	40	36	43	59	56	50.9
	35	26	36	35	31	38	26	32	27	18	20	29	22	21	26	37	30.8
GLENN DALE BELL STN	45	50	50	50	42	48	44	40	45	31	31	42	37	36	41	57	48.0
	50	50	50	42	48	44	40	45	31	31	42	37	36	41	57	55	
	29	22	27	31	38	34	20	18	17	13	17	19	19	27	26	27	26.5
												30	36				
LAUREL 3 W	51	51	54	44	49	45	41	46	31	33	44	37	36	42	58	55	49.4
									46								
MD SCI CTR BALTIMORE	36	32	35	36	38	41	29	26	21	17	22	30	24	26	33	39	33.4
	51	50	48	45	51	47	41	45	32	31	43	37	35	40	57	51	48.4
	39	35	38	38	40	37	32	29	24	20	24	32	27	29	35	39	35.7
NATIONAL ARBORETUM DC	47	52	51	53	45	50	44	42	47	32	33	45	40	37	43	60	49.9
	36	29	29	32	38	40	30	20	20	19	20	26	21	20	27	36	29.5
UPPER MARLBORO 3 NNW	46	51	51	51	44	49	44	40	47	31	33	44	41	36	42	61	49.2
	37	29	29	29	39	40	31	20	20	17	18	23	26	24	28	37	29.4
NORTHERN EASTERN SHORE 05																	
CHESTERTOWN	51	51	50	45	52	46	41	46	32	33	40	37	38	40	58	53	49.0
	36	30	27	32	36	34	23	20	19	18	21	29	21	25	32	28	29.7
MILLINGTON 1 SE	52	50	51	46	53	57	42	45	40	33	40	40	37	40	57	52	49.9
	40	27	27	31	38	34	31	20	24	15	20	30	21	27	27	37	30.4
NORTHERN CENTRAL 06																	
ABERDEEN PHILLIPS FIEL	49	48			49	49	40	42				37	35	39	54		M
	38	30			41	37	33	21				32	22	26	37		M
CATOCTIN MOUNTAIN PARK	41	45	45	37	43	44	34	40	33	26	38	32	26	34	47	50	44.5
	30	28	35	29	33	29	24	22	14	11	17	23	15	16	24	36	29.1
	17																
CLARKSVILLE 3 NNE	48	50	53	43	48	43	40	44	31	32	43	36	33	39	53	55	48.1
	33	23	25	29	38	33	21	17	19	13	16	29	17	24	25	26	27.0
CONOWINGO DAM	45	51		39		51	42	46			37		42	35	42		M
	39	27				40	32	21	21		18		21	20	23		M
DAMASCUS 3 SSW	44	46	48	41	41	40	36	41	27	28	40	32	29	37	51	52	45.0
	33	28	34	32	36	32	29	23	17	13	18	28	18	23	27	35	30.7
EMMITSBURG 2 SE	45	46	44	42	45	41	38	42	42	31	41	36	31	37	50	52	47.5
	42	40	39	38	38	38	31	31	24	24	26	31	28	30	33	34	37.2
													14				
FREDERICK POLICE BRKS	48	48	48	48	48	45	38	42	35	29	42	39	39	39	51	53	48.1
	30	30	30	30	30	35	31	22	21	17	17	30	23	22	22	38	29.5
MILLERS 4 NE	44	45	45	42	46	42	37	41	34	30	40	33	30	35	49	51	45.6
	35	25	33	29	34	32	27	18	15	13	19	27	17	21	26	36	29.5
ROCKVILLE 1 NE	47	52	52	44	48	43	37	44	30	31	42	37	33	42	55	44	47.8

DAILY TEMPERATURES (°F)

STATION	OB. TIME	MAX/MIN	DAY OF MONTH															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
WOODSTOCK	18	MIN MAX MIN	22	26	30	47	41	42	35	28	29	39	35	32	29	36	36	
APPALACHIAN MOUNTAIN CUMBERLAND 2	07	17	MAX OBS MIN	38	54	59	62	58	57	48	48	56	50	47	46	39	43	45
CUMBERLAND POLICE BRK	17	OBS MAX OBS	19	20	28	42	42	35	22	22	25	33	25	26	33	39	37	
FROSTBURG 2	07	MIN MAX MIN	36	53	56	59	59	59	43	46	54	54	43	44	43	42	44	
HAGERSTOWN POLICE BRK	17	OBS MAX MIN	21	19	18	50	41	41	34	20	24	24	33	24	23	31	39	
SHARPSBURG 5 S	07	MAX MIN OBS	27	28	48	58	53	63	48	35	56	54	52	38	41	36	39	
ALLEGHENY PLATEAU OAKLAND 1 SE	08	17	15	14	22	41	45	45	28	23	28	35	27	24	28	33	35	
SAVAGE RIVER DAM	08	MAX MIN	37	47	62	63	65	61	55	52	54	54	53	49	43	47	43	
DELAWARE NORTHERN NEWARK UNIVERSITY FARM	01	17	21	20	27	46	42	50	28	30	23	32	23	28	30	29	35	
WILMINGTON WSO ARPT	MID	MAX MIN OBS	39	38	52	67	65	66	60	47	52	57	54	49	52	41	45	
WILMINGTON PORTER RSVR	MID	MAX MIN	15	15	17	27	37	37	29	22	21	24	28	28	26	34	38	
SOUTHERN DOVER	02	17	28	48	59	57	63	56	33	51	63	51	45	50	52	46	51	
GREENWOOD 2 NE	07	MAX MIN	5	13	25	31	32	33	26	15	20	30	25	17	34	34	35	
LEWES	17	MAX MIN	31	30	47	58	54	58	50	38	53	54	52	39	41	37	40	
			15	15	20	30	42	42	33	22	22	28	31	24	25	32	36	
			37	47	59	66	70	60	56	58	55	57	55	50	45	46	45	
			22	25	29	41	34	52	40	32	37	38	36	32	28	41	37	
			37	48	57	67	63	59	51	51	54	56	48	50	45	45	45	
			23	25	28	36	39	49	36	31	31	40	36	31	28	41	37	
			34	46	56	64	65	56	50	51	53	54	46	48	44	44	44	
			22	28	31	39	44	50	37	30	37	40	37	33	32	40	39	
			35	47	56	66	68	67	54	50	54	58	52	50	52	50	49	
			23	26	30	46	45	44	41	29	32	40	37	32	32	42	39	
			40	37	48	59	67	67	62	51	53	60	60	49	55	52	51	
			24	22	27	30	41	42	41	28	28	28	36	31	31	45	41	
			38	49	58	69	70	71	58	55	56	65	58	49	53	53	51	
			27	27	33	50	42	43	42	33	32	43	38	35	34	34	43	

DAILY TEMPERATURES (°F)

STATION	DAY OF MONTH																AVERAGE
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOODSTOCK	36	30	31	34	40	33	26	21	20	17	22	29	21	25	34	30	30.8 M M
APPALACHIAN MOUNTAIN CUMBERLAND 2 07	44	49	48	42	44	44	38	40	34	32	39	34	29	33	54	55	45.5
	25	25	32	34	32	27	22	17	16	17	17	21	21	46	25	23	26.7
CUMBERLAND POLICE BRK	44	44	46	46	40	44	34	39	27	25	35	37	28	32	51	56	44.0
	34	21	29	29	36	31	26	19	14	16	***	17	18	23	25	32	27.1
FROSTBURG 2	41	35	43	43	34	46	28	28	32	19	28	31	24	22	37	45	39.1
	32	25	24	29	30	25	20	20	9	8	10	19	12	12	18	33	24.8
HAGERSTOWN POLICE BRK	50	48	49	46	42	41	41	42	42	30	33	36	39	38	54	55	47.5
	32	30	27	28	33	33	30	19	17	11	18	28	23	20	25	32	28.1
SHARPSBURG 5 S	45	47	50	50	42	39	39	39	45	29	31	44	36	34	40	53	46.7
	30	22	22	32	32	33	31	18	16	10	10	22	20	20	20	24	24.5
ALLEGHENY PLATEAU 08	46	45	48	44	51	47	28	28	24	27	29	26	20	23	45	46	42.9
OAKLAND 1 SE	29	25	25	28	31	25	18	19	9	2	12	19	15	17	21	30	22.6
SAVAGE RIVER DAM	42	38	46	45	36	47	33	31	35	22	32	33	27	25	40	47	40.7
	34	27	27	29	32	30	25	19	13	13	15	23	18	19	23	33	25.7
DELAWARE																	
NORTHERN 01																	
NEWARK UNIVERSITY FARM	50	47	48	45	54	50	44	43	40	39	38	37	37	36	52	51	48.9
	41	29	29	33	37	34	27	21	22	15	20	29	21	24	32	36	31.4
															52		
WILMINGTON WSO ARPT	49	46	46	45	52	46	40	43	30	30	37	38	32	38	51	49	46.7
	34	30	30	35	38	34	27	22	17	16	22	28	22	26	32	31	30.8
WILMINGTON PORTER RSVR	47	44	43	43	53	45	37	41	27	28	35	34	31	35	51	47	45.0
	35	32	35	33	36	34	28	24	19	17	22	22	20	25	31	35	31.8
SOUTHERN 02																	
DOVER	49	48	48	46	53	57	40	45	45	30	40	39	37	37	57	57	49.5
	41	29	32	35	40	39	30	21	23	18	20	28	23	26	30	37	32.6
GREENWOOD 2 NE	47	50	49	52	49	62	49	41	45	31	31	42	38	33	40	59	49.3
	41	26	30	31	40	46	32	21	22	18	20	20	20	24	24	36	30.5
LEWES	51	53	53	49	61	61	40	48	41	31	44	39	36	41	60	48	51.9
	44	31	31	44	47	39	34	24	28	20	23	30	28	29	35	38	34.9

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION		DAY OF MONTH														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MARYLAND																
SOUTHERN EASTERN SHORE	01															
SALISBURY FAA ARPT		SNOWFALL														
		SN ON GND														
SNOW HILL 4 N		SNOWFALL														
		SN ON GND														
LOWER SOUTHERN MECHANICSVILLE 5 NE	03															
		SNOWFALL														
		SN ON GND														
UPPER SOUTHERN BALTIMORE WSO ARPT	04															
	R	SNOWFALL														
		SN ON GND														
		WTR EQUIV														
BELTSVILLE		SNOWFALL														
		SN ON GND														
LAUREL 3 W		SNOWFALL														
		SN ON GND														
UPPER MARLBORO 3 NNW		SNOWFALL														
		SN ON GND														
NORTHERN EASTERN SHORE CHESTERTOWN	05															
		SNOWFALL														
		SN ON GND														
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL	06															
		SNOWFALL														
		SN ON GND														
CATOCTIN MOUNTAIN PARK		SNOWFALL														
		SN ON GND														
CONOWINGO DAM		SNOWFALL														
		SN ON GND														
DAMASCUS 3 SSW		SNOWFALL														
		SN ON GND														
EMMITSBURG 2 SE		SNOWFALL														
		SN ON GND														
MILLERS 4 NE		SNOWFALL														
		SN ON GND														
POTOMAC FILTER PLANT		SNOWFALL														
		SN ON GND														
ROCKVILLE 1 NE		SNOWFALL														
		SN ON GND														
APPALACHIAN MOUNTAIN FROSTBURG 2	07															
		SNOWFALL	.4													
		SN ON GND	1	T												T
SHARPSBURG 5 S		SNOWFALL	T													
		SN ON GND														
ALLEGHENY PLATEAU OAKLAND 1 SE	08															
		SNOWFALL														
		SN ON GND	-	-	-	-					T					T
SAVAGE RIVER DAM		SNOWFALL	.5													
		SN ON GND	1	-	-	-										
DELAWARE																
SOUTHERN GREENWOOD 2 NE	02															
		SNOWFALL														
		SN ON GND														

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).

Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

SNOWFALL AND SNOW ON GROUND (INCHES)

STATION	DAY OF MONTH															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MARYLAND																
SOUTHERN EASTERN SHORE 01												T	T			
SALISBURY FAA ARPT														T		
SNOW HILL 4 N													.1			
LOWER SOUTHERN MECHANICSVILLE 5 NE 03															T	
UPPER SOUTHERN BALTIMORE WSO ARPT 04 R						T	T						.2			
BELTSVILLE							1.0									
LAUREL 3 W						-	1	1	T						T	T
UPPER MARLBORO 3 NNW																
NORTHERN EASTERN SHORE CHESTERTOWN 05							T									
NORTHERN CENTRAL ABERDEEN PHILLIPS FIEL 06																
CATOCTIN MOUNTAIN PARK								-								
CONOWINGO DAM							T									
DAMASCUS 3 SSW						T	.2						.6			
EMMITSBURG 2 SE							T				T	T	1			
MILLERS 4 NE	T					T	T					T	T			
POTOMAC FILTER PLANT							T									
ROCKVILLE 1 NE											T		.4			
APPALACHIAN MOUNTAIN FROSTBURG 2 07																
SHARPSBURG 5 S			T				T		.1	T		.9	1.4	.6		
ALLEGHENY PLATEAU OAKLAND 1 SE 08									T	T		1	2	2		1
SAVAGE RIVER DAM	T					T	1.5		-	-	1.5	T	1.8	3.0	4.0	
	T												5	4	2	T
		T					T				T	T				
		T					T				T	T				
DELAWARE																
SOUTHERN GREENWOOD 2 NE 02																
															T	
															T	

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).
 Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).
 Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL SEE (NOTES)	
MARYLAND											
ABERDEEN PHILLIPS FIEL	0015	06	HARFORD	39 28	76 10W	57	16	16		C H	PHILLIPS ARMY AIRFIELD
ANNAPOLIS POLICE BRKS	0193	04	ANNE ARUNDEL	39 0	76 31W	25	17	17		H	ANNAPOLIS POLICE BRKS
ASSATEAGUE ISLAND	0335	01	WORCESTER	38 4	75 13W	10	07	07		H	NATIONAL PARK SERVICE
BALTIMORE WSO ARPT	0465	04	ANNE ARUNDEL	39 10	76 41W	148	MID	MID		C HJ	NATL WEATHER SERVICE
BELTSVILLE	0700	04	PRINCE GEORG	39 2	76 53W	145	08	08	08	C H	AGRI RESEARCH CTR EAST
CATOCTIN MOUNTAIN PARK	1530	06	FREDERICK	39 39	77 29W	1610	17	17		H	CATOCTIN MOUNTAIN PARK
CHESTERTOWN	1750	05	KENT	39 13	76 4W	40	23	23		H	THOMAS W ELIASON JR
CLARKSVILLE 3 NNE	1862	06	HOWARD	39 15	76 56W	370	17	17		H	CMREC - CLARKSVILLE
CONOWINGO DAM	2060	06	HARFORD	39 39	76 10W	40	MID	MID		H	SUSQUEHANNA ELECTRIC CO
CUMBERLAND 2	2282	07	ALLEGANY	39 38	78 45W	730	17	07		H	TIMOTHY B THOMAS
CUMBERLAND POLICE BRK	2285	07	ALLEGANY	39 38	78 50W	970	17	17		H	MARYLAND STATE POLICE
DALECARLIA RESERVOIR	2325	04	DISTRICT OF	38 56	77 17W	150	17	17		H	U S CORPS OF ENGINEERS
DAMASCUS 3 SSW	2336	06	MONTGOMERY	39 16	77 14W	697	22	22		H	ROBERT J LEFFLER
EMMITSBURG 2 SE	2906	06	FREDERICK	39 41	77 18W	416	17	17		H	LUCILLE K BEALE
FREDERICK POLICE BRKS	3348	06	FREDERICK	39 25	77 26W	380	17	17		H	MARYLAND STATE POLICE
FROSTBURG 2	3415	07	ALLEGANY	39 40	78 56W	2168	07	07		H	KENNETH L CLOSE
GLENN DALE BELL STN	3675	04	PRINCE GEORG	38 58	76 48W	150	16	16		H	USDA PLANT INTRODUCT STN
HAGERSTOWN POLICE BRK	3980	07	WASHINGTON	39 37	77 44W	560	17	17		H	MARYLAND STATE POLICE
LAUREL 3 W	5111	04	PRINCE GEORG	39 6	76 54W	400	MID	MID		H	WA SUBURBAN SANITARY COM
MD SCI CTR BALTIMORE	5718	04	BALTIMORE (C	39 17	76 37W	20	MID	MID		C H	ASOS - NWS
MECHANICSVILLE 5 NE	5865	03	ST. MARY'S	38 27	76 41W	100	19	19		H	SANDRA J HASTINGS
MILLERS 4 NE	5934	06	CARROLL	39 43	76 48W	860	18	18		C H	BOBBY MILLER
MILLINGTON 1 SE	5985	05	KENT	39 16	75 52W	30	18	18		H	HOWARD L HARVEY
NATIONAL ARBORETUM DC	6350	04	DISTRICT OF	38 54	76 59W	50	07	07		H	US NATIONAL ARBORETUM
OAKLAND 1 SE	6620	08	GARRETT	39 24	79 24W	2420	17	17		H	BEA J CROSCO
POTOMAC FILTER PLANT	7272	06	MONTGOMERY	39 2	77 15W	270		08		H	POTOMAC WATER FILT PLANT
PRINCESS ANNE	7330	01	SOMERSET	38 13	75 41W	20	17	17		H	UNIV OF MD EASTERN SHORE
ROCKVILLE 1 NE	7705	06	MONTGOMERY	39 6	77 9W	440	17	17		H	WASHINGTON GAS & ELEC CO
ROYAL OAK 2 SSW	7806	02	TALBOT	38 43	76 11W	10	18	18		H	JOHN L SWAINE JR
SALISBURY	8000	01	WICOMICO	38 22	75 35W	10	17	17		H	CITY OF SALISBURY
SALISBURY FAA ARPT #	8005	01	WICOMICO	38 20	75 31W	50	MID	MID		H	FAA
SAVAGE RIVER DAM	8065	08	GARRETT	39 31	79 8W	1495	08	08	08	C H	US CORPS OF ENGINEERS
SHARPSBURG 5 S	8207	07	WASHINGTON	39 24	77 43W	500	07	07		H	DAVID DOWNIN
SNOW HILL 4 N	8380	01	WORCESTER	38 14	75 23W	30	17	17		H	CURTIS E SHOCKLEY
UPPER MARLBORO 3 NNW	9070	04	PRINCE GEORG	38 52	76 47W	100	08	08	08	H	UNIVERSITY OF MARYLAND
VIENNA	9140	02	DORCHESTER	38 29	75 49W	10	18	18		H	DELMARVA POWER & LIGHT
WOODSTOCK	9750	06	BALTIMORE	39 20	76 52W	460	18	18		H	JOHN A HILTZ
DELAWARE											
DOVER	2730	02	KENT	39 9	75 31W	30	17	17		H	STATE HIGHWAY DEPT
GREENWOOD 2 NE	3595	02	SUSSEX	38 49	75 35W	45	07	07		H	DANIEL M SWARTZENTRUBER
LEWES	5320	02	SUSSEX	38 46	75 8W	15	17	17		H	BOARD OF PUBLIC WORKS
MILFORD 2 SE	5915	02	SUSSEX	38 54	75 26W	35	07	07		H	INACTIVE 09/01/1999
NEWARK UNIVERSITY FARM	6410	01	NEW CASTLE	39 40	75 44W	90	17	17	17	C H	UNIV OF DEL AGRIC FARM
WILMINGTON WSO ARPT	9595	01	NEW CASTLE	39 40	75 36W	74	MID	MID		C HJ	NATIONAL WEATHER SERVICE
WILMINGTON PORTER RSVR	9605	01	NEW CASTLE	39 46	75 32W	270	MID	MID		H	WILMINGTON WATER DEPT

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1993, the averaging period is 1961 to 1990. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

PRECIPITATION QUALITY CONTROL: The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

TEMPERATURE: Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.
// Rain gage equipped with a windshield
AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
G Observations appear in the "Soil Temperatures" table.
H Observations appear in the "Snowfall and Snow on the Ground" table.
J Station also published as a Local Climatological Data publication.
MID Observation time is midnight.
MO Rain gage read once monthly, usually the last day.
OC Rain gage readings vary from a few weeks to several months.
R Amounts from recording rain gage.
SR Observation time near sunrise.

VAR Observation time varies.
WI Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of the month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See * above)

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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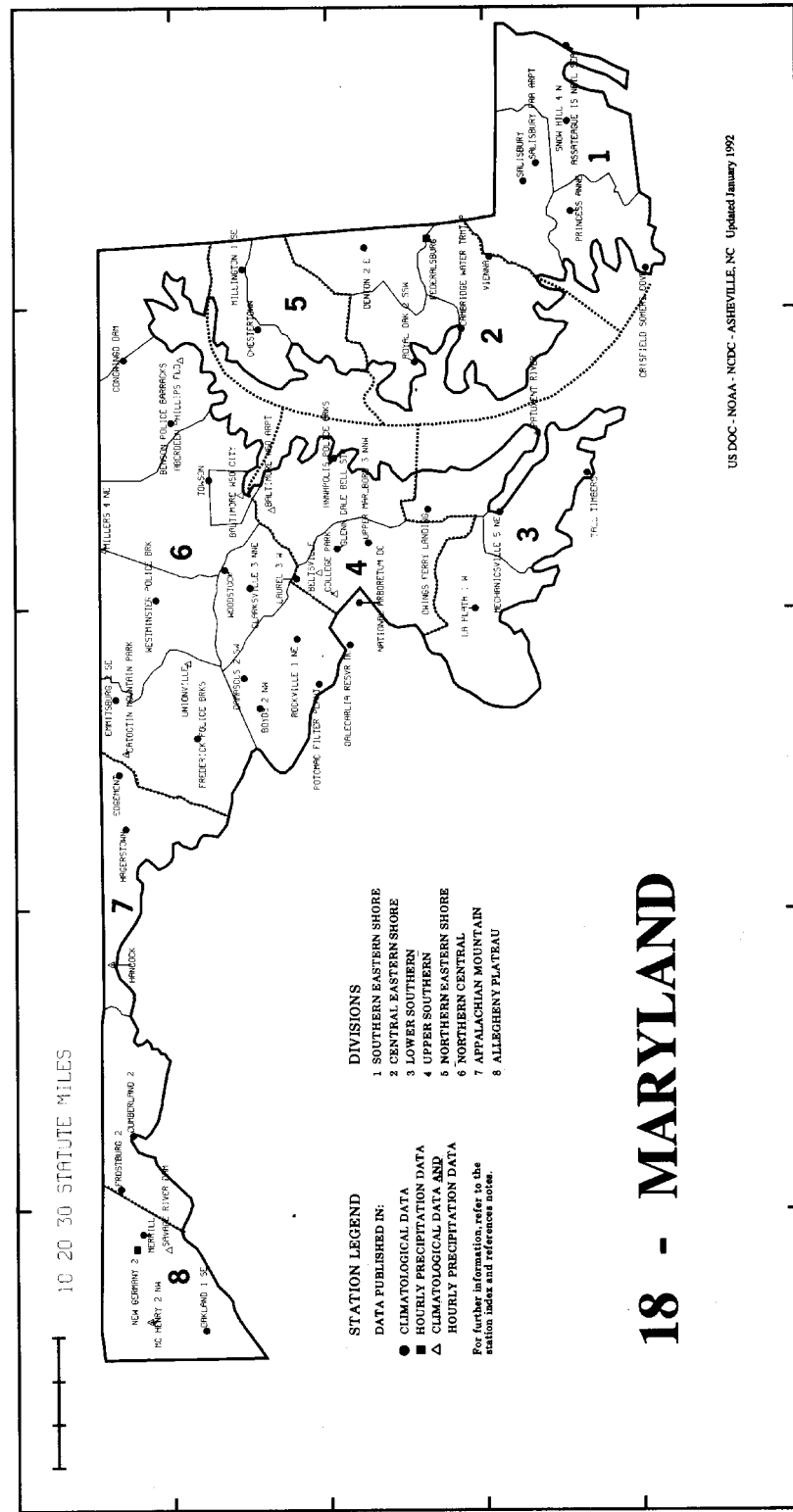
39.0

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38.0



10 20 30 STATUTE MILES

- STATION LEGEND**
- DATA PUBLISHED IN:
 - CLIMATOLOGICAL DATA
 - HOURLY PRECIPITATION DATA
 - ▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
- For further information, refer to the station index and references note.
- DIVISIONS**
- 1 SOUTHERN EASTERN SHORE
 - 2 CENTRAL EASTERN SHORE
 - 3 LOWER SOUTHERN
 - 4 UPPER SOUTHERN
 - 5 NORTHERN EASTERN SHORE
 - 6 NORTHERN CENTRAL
 - 7 APPALACHIAN MOUNTAIN
 - 8 ALLEGHENY PLATEAU

18 - MARYLAND

US DOC - NOAA - NEDC - ASHEVILLE, NC Updated January 1992

-76.0

-76.0

-80.0

40.0

40.0

10 20 30 STATUTE MILES

07 - DELAWARE

1

STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

WILMINGTON PORTER RSVR

HEMLOCK UNIVERSITY FARM

WILMINGTON HSD BRCT

DOWR

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH

US DOC - NOAA - NCDC - ASHEVILLE, NC
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39.0

39.0

38.0
-76.0

-75.5

-75.0
38.0

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